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INFORMATION REPORT INFORMATION REPORT

CENTRAL INTELLIGENCE AGENCY

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DUNTRY	USSR (N	fagadan Oblast)	REPORT	10000	
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1. The source of	teel millican (N 6% The millican iron It made no iron a and recovers known Zavod — the a (Dalstr has only ower; the yed abour	2-16, E 151-40). Il was built being spare parts for ore was processed also some as the Mining I GOOZ). GOOZ). GOOZO. The Orotukan Steel croy) region. The magadan mill he	A wooden bridge connected fore World War II, perhaps r mining equipment and traced there. The mill served orders from the Chukotskiy Equipment Plant (Gornoobogs Mill was the largest steel are is only one other steel city in Magadan. The Orotus as an electrical furnace. including some 600 forced	s from the town of the mill with to around ctors out of scratte whole region by Peninsula. The atitelnoye Oborud mill in the whole mill, a small outan mill used of The Orotukan mill	of the ap a p a p a p a p a p a p a p a p a p
1. The source of	teel mil. can (N 6/ The mi It made no iron a and rec was know Zavod - the a (Dalst; has only ower; the yed abour	2-16, E 151-40). 11 was built being spare parts for ore was processed also some as the Mining I GOOZ). GOOZ). GOOZO. The year one-ton capace Magadan mill he 2,500 workers.	A wooden bridge connected fore World War II, perhaps r mining equipment and traced there. The mill served orders from the Chukotskiy Equipment Plant (Gornoobogs Mill was the largest steel are is only one other steel city in Magadan. The Orotus as an electrical furnace. including some 600 forced	s from the town of the mill with to around ctors out of scratte whole region by Peninsula. The atitelnoye Oborud mill in the whole mill, a small outan mill used of The Orotukan mill	of the hap ap a form of the love 25 lo
1. The source of	teel mil. can (N 66 The mil. It made no iron a and rec was know Zavod — the a (Dalstr has onl; ower; the yed abour legend ization a irector of fnu). shop, the	2-16, E 151-40). Il was built being a spare parts for ore was processed also some as the Mining I GOOZ). The Orotukan Steel coy) region. The magadan mill he ta,500 workers. To sketch is on part and Production of the steel mill a compressor shops and progressor shops and production are compressor shops are parts of the steel mill are compressor shops are parts for a spare parts for a s	A wooden bridge connected fore World War II, perhaps r mining equipment and traced there. The mill served orders from the Chukotskiy Equipment Plant (Gornoobogs Mill was the largest steel are is only one other steel city in Magadan. The Orotus as an electrical furnace. including some 600 forced	s from the town of the mill with to around ctors out of scrathe whole region by Peninsula. The atitelnoye Oborud limill, a small of the Orotukan mill used of The Orotukan mill laborers.	of the he ap a form of the control o

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	shop the OXV	gen shop, and the laboratory.			
3.	The foundry (1952. He was section, in 1) The foundry wof steel five The molten st excavators, b	staleliteynyy tsekh) was headed first by Khasucceeded by Kozlov (fnu), who had been heaps. The foundry had about 200 workers, hal as equipped with a Martin open-hearth furnate or even six times in 24 hours, i.e., a total eel was moved by a crane to the forms in order all mill parts (sharovaya melnitsa), axles, d make all the parts needed for a tractor end wo cranes, one of 10 tons, the other of 20 moves.	f of them forced be which produced tal of 90 to 108 der to make tract pumps, and other wrent the engine	tons. tor wheels, parts.	25X1
4.	tons. It was construction tons. The se	of the Martin furnace in the Orotukan Steel in May 1951 increased the capacity of the Martin furnace in April 1952 brought ons were designed by Engineer Kon, who was away to the Martin furnace was the capacity of	artin furnace to it up to 18 ton parded a prize of	12-13 s. Both	25X1
	rubles in 19	eighing three to live killograms.	ished a record i	or the	25 X 1
	ussr.	the Martin Turnace at Order of the this furnace had produced so pairs. All the mill engineers were awarded	31116 T 200 00170 44	thout	25X1 ∠5X1
 6. 	was smaller laborers. I yielded once two smaller shop manufac The compress	n shop (chugunoliteynyy tsekh) was headed by than the foundry and had about 150 workers, it was equipped with a blast furnace (domennation in 24 hours one and a half to two tons of cranes, one of two and a half tons, the other tured many parts for tractors, machine tools or shop was attached to the foundry and the compressed air needed for the Martin furnation section, and for the boiler shop.	aya pech) which pig iron. The sher of four tons. s, and excavator	normally op had The s. ons. It	
7.	The mechanicluding som	cal assembly shop (mekhano-sbornyy tsekh) has 120 forced laborers and shout 130 free work who had stayed on. pment consisted of some 150 machine tools, and a stayed on a soviet origin. Sor of American, German, and Soviet origin.	minders cutters	The	25 X 1
	Cincinatti. were marked The work of foundry and	DIP-200, and others which came from the Vorthe shop consisted mostly in finishing the the pig iron shops and in assembling them.	roshilov Zavod in parts produced :	n Minsk. In the	25X1
8.	(fnu), an e workers.]	tool repair shop (tsekh-remont-stanka - Tsex-prisoner, and employed about 120 workers, it was equipped with some 60 machine tools u	sed to repair or	refinish	
9	all instru		kh - RITs) made such as compresso sutside installat at 100 workers, h	ions.	25X1 25X1
10	forced lab The boiler some 150 p	shop (kuzpechno-kotelnyv tsekh) employed 40	00-500 workers, a	mong them	25X1
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with five s	team forge		3- oy molot) of the	following s	izes: one five-	
ton hammer, There were shop many p	two three also four arts were more steam	-ton hammers, or boilers which promade for tractor	ne two-ton hammer rovided the steers and other her t the steam thro	er, and one o am for the ha avy equipment	ne-ton hammer. mmers. In this . Attached to	
transformer Only a few 300, were f where they size and ha	s, and oth prisoners ree worker received r d machine	er electrical ed worked there, a s. This shop we calls of copper	wire, they worked ing it. The see	of the shop of them; the three sections and the wire d	was unknown. e rest, about ns. In the first own to the correc	
was in cyli	nders and	was used for well		of the shop	the factory; it was unknown; no	
The field l	aboratory employed	(ekspress-labora about 20 people	atoriya) was he but as a rule :	aded by a wom no prison lab	an, Darya Ossipov	na 2:
deputy to R engineer. Vodyanova, sections, o	ikova; Tru There was a who was a ne for cher	sov (fnu), a Some chemical assumember of the Komical analysis,	na Kissilova, a viet engineer, a sistant, a tech omsomol. The l	convinced Co and Schulz (f nician, Irina aboratory was netallurgy.	ers worked in the mmunist who was nu), a German Yakovlina divided into two This laboratory	2
equipment.	Daily, two	o or three truck there was a huge	re, only scrap : ks brought this e depot of scra	scrap from M	agadan. Inside	
Every year	production remont) w	was interrupted ere made. The	the factory: 1 d for 15-20 days factory normall;	during whic	h major repairs	
during repe were underg	ir periods round and	, which also after	lectric current fected the power pipes. These priver, where they	station. T	he power lines ve ground only	
Most of the	mill's pro	ducts were sen	t to mines in the		ion.	2:
which had a	n address :	In Chukotskiy.	22 2 2 2 2			2:
of machine	on page 7	the storage year. This apparat	ard of the steel	mill at Oro	(See sketch	2: 2:
l meter in	diameter a	nd 3.5-4 meters	long, which rev	rolves about	a tube with a via the loading	

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	ramp. (1) into the inner tube through the opening (2). Water is added by means of the hose and valve (3), electric power applied to the motor-drive assembly (6) which turns the drum, and the combination of water and revolving action separates the metal from the earth and rock. The metal is drained off into the box (5) while the debris spills out of the perforations in the nozzle (4) of the inner tube. The whole device was mounted on sled-runners and could be moved to the source of the ore.	
	Wages	
19•	Until May 1952, prisoners received no pay. After that, some money was paid for work in factories, but there was a complicated system of deductions and withholding of money for the prisoner's personal fund. If a prisoner was to be paid 800 rubles per month for work in the mill, that sum was sent by the plant director to the camp administration in the prisoner's name. Half the sum was set aside for the Government. From the remaining 400 rubles, about half would be retained by the camp to cover the expenses of food and clothing. The rest was normally raid in installments at the end of a ten-day period, when the prisoners were paid. In this example, 100 rubles would be paid at the end of the first ten days of the month, 100 rubles after 20 days, and nothing at the end of the month. On the average, prisoners got about 100 to 150 rubles per month.	25X 25X 25X 25X
٥.	Many prisoners stayed on as free workers after they had completed their sentence. The average pay for such workers was about one thousand rubles per month.	•
1.	Really free workers were people who came voluntarily from other parts of the USSR to work in Dalstroy. They normally signed a three-year contract with the Government and got extra pay at the following rates: First year - 20 percent extra; second year - 50 percent extra; third year - 100 percent extra. In other words, contract workers (dogovochnik), during their third year, got double pay. When they had completed their contract, they got ten months free vacation. Darya Rikova, Mariya Kissilova, Irina Vodyanova, women who worked in the laboratory, were contract workers. Rikova and Vodyanova were married, and their husbands worked in other parts of the factory. Chemical Engineer Trusov was also a contract worker.	4.0
	Work Schedule	•
2.	Work at the factory was normally eight hours in three shifts. In this case, prisoners worked without interruption and without food, except what they might have taken along personally, until they returned to the camp. After the death of Stalin, in spring 1953, the work schedule was ten hours, with one and a half hours' interruption. The prisoners used to say that no more work was done but that this was a measure to keep them under control.	
	Security	
3 .	Prisoners were led from the camp to the factory under escort by soldiers and dogs. On leaving camp, the roster reader (naryadchik) had a box with individual cards of the prisoners. As the name of each prisoner was called, the card was pulled out and put to one side for control on his return. At the factory gate, the prisoners were let in by the guard in groups of five. Once inside the gate, each prisoner was free to go to his particular place of work.	•
4•	All political prisoners had a number which appeared both on their caps and on their backs,	25X
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5.	The steel mill, like all prisoner camps, was surrounded by a triple fence. The first and the third were barbed wire fences, about 1.50 meters high, with some cross wire. The second, or main fence, was a wooden board fence, about three methigh, topped by about 50 centimeters of barbed wire with about 10 centimeters between the strands. The boards were uneven, about 10 centimeters wide on the average, and stood upright. There were also crossboards. The wire at the top of the board fence was set at an angle, leaning inside the grounds. At each of the four corners there was a searchlight, mounted on a tower, and there were smaller electric lights along the fence. There were only two entrances to the plant, one for trucks and the prisoners, the other for the free workers. There5.					
	were sentinel boxes for the guards.					
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Legend for Sketch Map of Orotukan Steel Mill

25X1 The sketch is divided into three sections:

- A. Prison camp scale: 1 inch equals 150 meters.
- B. Town of Orotukan scale: 1 inch equals 150 meters.
- C. Orotukan Steel Mill scale: 1 inch equals 10 meters.

A. Prison Camp

- 1. Mess hall.
- 2. Hospital: 20 beds; three doctors (one free, two prisoners); one feldsher, free; two or three male prisoner nurses.
- Six barracks for prisoners.
- 4. Camp prison: Solitary (kartser) and tough brigade (BUR-brigada usilennogo rezhima).

B. Town of Orotukan

- Barracks (kazarma): Estimated force: one regiment (polk) of MVD guards for camp and factory.
- 1. Club with movies, library, and game rooms for free workers and soldiers.
- 2. Food depot for guards, camp, and free workers: Size: 15x20 meters; one-story wood structure, with four watchtowers.
- Motor pool and service garage for trucks (awtopark).
 Power station serving mill: Thermal plant, using Diesel fuel; 4,000kilowatt capacity in 1953. By 1954, new construction was to give the station 10,000-kilowatt capacity.
- 5. Wooden bridge: Wide enough for two trucks; length: 16 meters.
 6. Orotukan River: Average width: 20-25 meters; in spring, up to 30 meters; average depth: 50 to 80 centimeters; frozen from September to April. In winter, prisoners were led across the frozen river when going to work in the factory.
- 7. Public restaurant: Used by free workers.
- 8. Bank, post, and telegraph and telephone building.
- 9. Ten-year school.
- 10. Steel mill.
- 11. Main highway (tsentralnaya trassa) from Strelka (N 61-52, E 152-15), through Orotukan to Inalgirka.

C. The Steel Mill

- 1. Gate: Two guards who check on entrance of prison workers and trucks.
- 2a. Gate for free workers and plant officials.
- 2b. Office for the guards and control of entry records.
- 3. Road inside the mill grounds.
- 4a. Mechanical assembly shop.
 4b. Office of the chief of the mechanical assembly shop.
- 5. Boiler shop: Three boilers heated with coal. Each boiler had a pressure of 11 atmospheres.
- 6. Factory railroad with small dumping cars for hauling scrap, lumber, etc.
- 7a. Until 1952, mess hall for free workers; after that date, designing section of mill; workers now eat in town restaurant.
- 7b. Office of the chief engineer.
- Martin furnace.
 Foundry.
 Office.

- 10. Cast iron shop.
- Laboratory: Two-story building.
 Blast furnace for pig iron (domennaya pech).
 Showers for workers.

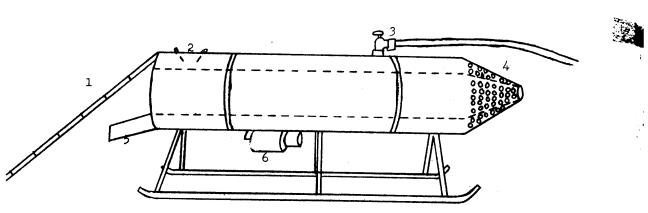
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ELECTRIC GOLD-WASHING MACHINE

22. Depot for all products of the mill, i.e., spare parts manufactured. 23. Office for records on the storeroom of manufactured products.

21b. Office.



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